

CLAIMS

1. A mobile apparatus that performs radio communication by means of a cellular method, said mobile
5 apparatus comprising:

an identification information storage section that stores identification information of a network provider providing a cellular radio communication service;

10 a transmitting/receiving section that transmits a signal containing said identification information and receives a signal containing frequency and access technology information corresponding to said identification information by means of a communication method different from a cellular method; and

15 a frequency search section that carries out a frequency search when roaming is performed using a frequency and access technology corresponding to said identification information indicated by a signal received by said transmitting/receiving section.

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2. The mobile apparatus according to claim 1, wherein said transmitting/receiving section transmits a signal containing said identification information and also receives a signal containing information indicating a
25 frequency, access technology, and service corresponding to said identification information by means of a communication method different from a cellular method;
said mobile apparatus further comprising a service

section that implements a service indicated by a signal received by said transmitting/receiving section.

3. The mobile apparatus according to claim 1, wherein
5 said communication method different from a cellular method is a wireless LAN or Bluetooth.

4. A service information provision apparatus that
communicates with a mobile apparatus by means of a
10 communication method different from a cellular method,
said service information provision apparatus comprising:

a database indicating correspondence between a
network provider providing a radio communication service
by means of said cellular method and a frequency and access
15 technology;

a receiving section that receives a signal
containing identification information of said network
provider transmitted from said mobile station;

a control section that extracts information on
20 frequency and access technology corresponding to said
network provider by searching said database using said
identification information contained in a signal received
by said receiving section; and

a transmitting section that transmits a signal
25 containing information on frequency and access technology
extracted by said control section to said mobile
apparatus.

5. The service information provision apparatus according to claim 4, wherein:

5 said database indicates correspondence between said network provider and a frequency, access technology, and cellular radio communication service;

said control section extracts a frequency, access technology, and said cellular radio communication service related to said network provider by searching said database using said identification information contained
10 in a signal received by said receiving section; and

said transmitting section transmits a signal containing information indicating an extracted frequency, access technology, and said cellular radio communication service to said mobile apparatus.

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6. The service information provision apparatus according to claim 4, wherein said communication method different from a cellular method is a wireless LAN or Bluetooth.

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7. A roaming method whereby a mobile apparatus that performs radio communication by means of a cellular method acquires information from a service information provision apparatus by means of a communication method different
25 from said cellular method; said roaming method comprising:

a storing step in which said mobile apparatus stores identification information of a network provider that

provides a radio communication service by means of said cellular method;

an identification information transmitting step in which said mobile apparatus transmits a signal containing
5 said identification information by means of a communication method different from said cellular method;

an identification information receiving step in which said service information provision apparatus receives a signal containing said identification
10 information;

a searching step in which said service information provision apparatus searches a database indicating correspondence between said network provider and a frequency and access technology based on said
15 identification information contained in a signal received in said identification information receiving step;

an extracting step in which said service information provision apparatus extracts information on frequency and access technology corresponding to said
20 identification information from said database as search results of said search step;

a signal transmitting step in which said service information provision apparatus transmits a signal containing information on frequency and access technology
25 extracted in said extracting step to said mobile apparatus;

a signal receiving step in which said mobile apparatus receives said signal transmitted in said signal

transmitting step; and

a frequency search step in which said mobile apparatus performs a frequency search when roaming is performed using a frequency and access technology indicated by a signal received in said signal receiving step.